



**U.S. Department of Commerce  
Bureau of Industry and Security  
Office of Technology Evaluation**



## **U.S. Microelectronics Industry Survey and Assessment Overview**

The U.S. Department of Commerce's Bureau of Industry and Security (BIS), Office of Technology Evaluation (OTE) is conducting a comprehensive assessment of the U.S. microelectronics industrial base (MEIB). This assessment is being performed pursuant to Section 9904 of Title XCIX of the National Defense Authorization Act (NDAA) of Fiscal Year 2021. Title XCIX, Creating Helpful Incentives to Produce Semiconductors for America (CHIPS), contains multiple provisions related to promoting U.S. leadership in microelectronics and ensuring secure microelectronics supply chains. Section 9904 of the legislation, under which this data collection is mandated, requires the Secretary of Commerce to assess the capabilities of the U.S. microelectronics industrial base to support the national defense and includes a mandatory survey on the manufacture, design, and end use of microelectronics.

The principal goal of this assessment is to better understand the domestic microelectronics network to support the national defense. The data collected will help identify the structure and interdependencies of organizations that participate in the MEIB. This effort will enable the U.S. government (USG) to understand and respond to supply chain deficiencies and disruptions related to diminishing manufacturing sources and material shortages (DMSMS), foreign sourcing and dependencies, critical minerals and materials, and other challenges. The resulting data and subsequent analysis will allow industry representatives and government policy officials to better monitor trends, benchmark industry performance, and raise awareness of potential issues of concern.

Roughly 1,000 organizations affiliated with the design, production, and/or distribution of microelectronics will participate in this mandatory data collection. Each organization's contribution is vital to ensuring a meaningful, robust analysis of supply chains. OTE has partnered successfully with several industry sectors in the past, including space, defense, healthcare, and strategic materials, and we anticipate similar, mutually beneficial cooperation in this collection.

### **Legal Protections and Requirements**

OTE utilizes the Defense Production Act of 1950 (DPA), as amended, to both collect and protect the business proprietary information submitted by the survey respondents. Additionally, Executive Order 13603 delegates to the Department of Commerce the authority to assess the capabilities of the U.S. industrial base to support the national security and critical program needs and develop policy recommendations to improve the international competitiveness of specific domestic industries. The information collected from survey respondents may be used publicly only in aggregated form, meaning at no time will such reporting identify your specific organization by name nor disclose proprietary information. Survey response information is exempt from Freedom of Information Act (FOIA) requests.

## **Industrial Base Assessment Program**

Since 1986, OTE has conducted nearly 100 surveys and assessments on a wide range of topics, including the U.S. defense industrial base, healthcare products, information and communications technology (ICT), microelectronics and semiconductors, rocket propulsion, and strategic materials, among others. The results of most of OTE's industrial base assessments can be found here: <https://www.bis.doc.gov/dib>.

For more information on the assessment and overall program, contact Jason Bolton, Director, Defense Industrial Base Division, Office of Technology Evaluation, Bureau of Industry and Security at [SemiconductorStudy@bis.doc.gov](mailto:SemiconductorStudy@bis.doc.gov).

**Thank you for your cooperation. We look forward to working with you.**